



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/666,282	09/21/2000	Jung-Min Song	P-125	8405
34610	7590	07/27/2005	EXAMINER	
FLESHNER & KIM, LLP P.O. BOX 221200 CHANTILLY, VA 20153			DINH, KHANH Q	
			ART UNIT	PAPER NUMBER
			2151	

DATE MAILED: 07/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/666,282

Applicant(s)

SONG ET AL

Examiner

Khanh Dinh

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 May 2005.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 and 13-18 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-11 and 13-18 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. This is in response to the Amendment filed on 5/2/05. Claim 12 is canceled.

Claims 1-11, 13-16 and new claims 17-18 are presented for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1-11 and 13-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Axaopoulos et al., USPN 6,286,002.

As to claim 1, Axaopoulos discloses a multimedia user profile information structure stored in a computer medium for indexing and browsing a multimedia object (information products including media data) comprising:

prioritizing search item ordering criteria for searching and browsing the multimedia object (allowing users to make their choice according to their priorities, see figs.1, 2, col.6 line 20 to col.6 line 27).

user preference information (users' choice) for each of a plurality of the search item ordering criteria for displaying search items to be browsed in the search item ordering criteria order according to the user preference information (order of selection, see col.7 lines 23-65 and col.9 lines 8-59), wherein a first user reference information selects a first prioritized search item order in criteria to display a set of search items including classifications within one search item category in a first order and a second user reference information selects a second prioritized search item order criteria to display the set of search items within said search item criteria in a second order different from the first order (see fig.12, col.10 lines 3-65 and col.14 lines 9-55).

As to claim 2, Axaopoulos discloses the user profile information structure comprising item categories that can be a search item ordering to get each search item ordered according to each plurality of user preference information (see fig.12, col.13 line 32 to col.14 line 55).

As to claim 3, Axaopoulos discloses the user profile information structure further comprises item ordering criteria in order to determine ordering of the search items accordance with each of said item categories (see figs.14, 15, col.13 line 32 to col.14 line 55 and col.15 lines 12-63).

As to claims 4 and 5, Axaopoulos discloses criteria categories informing the categories of the search item ordering criteria and preference information determining a preference about the corresponding criterion categories (see col.15 lines 12-63 and col.17 line 34 to col.18 line 29).

As to claim 6, Axaopoulos discloses item categories and the preference information set the user preference information of the user profile information structure about a corresponding search item and the search items are displayed in accordance with the preference of the user profile information structure (see col.15 lines 12-63 and col.17 line 34 to col.18 line 29).

As to claim 7, Axaopoulos discloses a multimedia search and browsing method using multimedia user profile information structure for indexing and browsing a multimedia object comprising:

displaying search items in order of user preference (users' choice) on the basis of the item criteria according to the user preference by using search item ordering criteria information including the user preference information about the item priority criteria (allowing users to make their choice according to their priorities, see figs.1, 2, col.6 line 20 to col.6 line 27).

browsing a multimedia search object after searching the multimedia search object using by the search times displayed according to the user preference wherein a

first user reference information selects a first prioritized search item order (order of selection, see col.7 lines 23-65 and col.9 lines 8-59) in criteria to display a set of search items including classifications within one search item category in a first order and a second user reference information selects a second prioritized search item order criteria to display the set of search items within said search item criteria in a second order different from the first order (see fig.12, col.10 lines 3-65 and col.14 lines 9-55).

As to claim 8, Axaopoulos discloses a search item preference information structure for searching and browsing a multimedia (information products including media data) comprising:

search object that is a portion of a multimedia data stream of the multimedia and the search item that is criterion of indexing the multimedia (allowing users to make their choice according to their priorities, see figs.1, 2, col.6 line 20 to col.6 line 27).

connection information that connects search items to search objects and preference criteria information for informing ordering criteria of each search item and a multimedia object including the preference information according to each criterion, wherein the search items of a selected multimedia are provided in an ordered arrangement according to the criteria of the multimedia object (order of selection, see col.7 lines 23-65 and col.9 lines 8-59).

wherein a first user reference information selects a first prioritized search item order in criteria to display a set of search items including classifications within one search item category in a first order and a second user reference information selects a

second prioritized search item order criteria to display the set of search items within said search item criteria in a second order different from the first order (see fig.12, col.10 lines 3-65 and col.14 lines 9-55).

As to claim 9, Axaopoulos discloses item categories including corresponding search items that can be criteria of the search and browsing and a user profile including preference value informing preference about the information of the multimedia object on the each item category (see fig.12, col.13 line 32 to col.14 line 55).

As to claim 10, Axaopoulos discloses the search item preference information structure for searching and browsing the multimedia makes the each search item ordering display according to each user's liking (see figs.14, 15, col.13 line 32 to col.14 line 55 and col.15 lines 12-63).

As to claim 11, Axaopoulos discloses a multimedia search and browsing method using a user profile information structure and browsing a multimedia object (information products including media data), wherein the user profile information structure comprises:

search object that is a portion of a multimedia data stream of the multimedia and the search item that is criterion of indexing the multimedia (allowing users to make their choice according to their priorities, see figs.1, 2, col.6 line 20 to col.6 line 27).

connection information that connects search items to search objects and preference criteria information (any information of interest of user including information products) for informing ordering criteria of each search item and a multimedia object including the preference information according to each criterion, wherein the search items of a selected multimedia are provided in an ordered arrangement according to the criteria of the multimedia object (order of selection, see col.7 lines 23-65 and col.9 lines 8-59).

item categories for informing items which can be criteria of the search and browsing, a user profile including preference value informing preference about the ordering information of the multimedia object on the each item category and selecting the ordering criteria information in order of the preference value of the user profile on the each search item in search and browsing of the multimedia (see fig.12, col.10 lines 3-65 and col.14 lines 9-55).

displaying the multimedia items by using the ordering criteria information of the user profile and browsing the search object: after searching the search object indicated by the search items displayed according to the user preference (see figs.12-15, col.10 lines 3-65 and col.14 lines 9-55).

As to claims 13 and 14, Axaopoulos discloses the multimedia object was returned by a multimedia search and search items including search items categories (categories of objects searches, see fig.12, col.13 line 32 to col.14 line 55).).

As to claims 15 and 16, Axaopoulos discloses a plurality of search categories and each category including a plurality of search item objects and a plurality of classification items in each category of criteria and a preference value for each classification item (see fig.12, col.13 line 32 to col.14 line 55).

As to claims 17 and 18, Axaopoulos I discloses the priority criteria including name, age, priority (see figs.14, 15, col.13 line 32 to col.14 line 55 and col.15 lines 12-63).

Other prior art cited

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Himmel et al, US pat. No.6,408,316.
- b. Gable, US pat. No.6,029,165.

Response to Arguments

5. Applicant's arguments with respect to claims 1-11 and 13-18 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. Claims 1-11 and 13-18 are *rejected*.

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (571) 272-3936. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung, can be reached on (571) 272-3939. The fax phone number for this group is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status

Art Unit: 2151

information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Khanh Dinh
Patent Examiner
Art Unit 2151
7/22/2005